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Country: JP Japan

Kind: A

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Application Number: JP1989000050401

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Abstract:

PURPOSE: To eliminate restriction on the operating range of a taking-out device by linking and arranging a supply conveyor for stack vessels, a supply lifter, a position regulation unit, a lateral transfer unit, a carry-out lifter and a carry-out conveyor in one frame stand and installing a parts supply taking-out device on the frame stand.

CONSTITUTION: A supply conveyor 1 in the direction of X1 and a carry-out conveyor 13 in the direction of X2 for stack vessels are parallelly provided on the bottom of a frame stand 14 and respective supply lifters 3 and carry-out lifters 12 are arranged in the frame stand 14. A position regulation unit 4 and a transfer unit 9 are arranged between the respective upper end portions of the supply lifter 3 and the carry-out lifter 12 in the direction of Y in the frame stand 14. In this way, these operating mechanisms are housed in the frame stand 14. A parts supply and taking-out device 15 is arranged on the frame stand 14. Due to this constitution, any projection of an obstacle is eliminated within the operating range of the parts supply and taking-out device so that the operation can be carried out without any restriction.

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